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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

I. HEADING

DATE: August 13, 2001

SUBJECT: **POLREP for the Dead Creek Sediment Removal Site, Sauget, St. Clair County, Illinois**

FROM: Kevin Turner, (618) 997-0115, U.S. EPA OSC, Region 5, ERB, RS-1,Marion, IL

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POLREP #: POLREP #3 - PRP Lead

II. BACKGROUND

Response Authority:	CERCLA
NPL Status:	Non-NPL
Latitude:	38°34'37"N
Longitude:	90°10'47"W
State Notification:	November, 2000
Start Date:	November, 2000
Completion Date:	December 31, 2001 (anticipated)

III. SITE INFORMATION

A. Incident Category

Sediment removal from a creek bed.

B. Site Description

1. Site location

See initial POLREP for details.

2. Description of threat

See initial POLREP for details.

3. Site background

See initial POLREP for details.

IV. SITE INFORMATION

A. Situation

1. Response activities to date

- The creek bypass system was installed after excavating through streets and placing culverts under them.
- Sediment traps were installed in all segments of the creek, culverts that were fully or partially blocked were cleaned out, and brush and debris were removed from the creek starting with Segment B.
- Safety fences were installed around the creek from Segment B to near Parks College in Segment E and a low-flow channel was dug in Segments D-F to collect water in the middle of the creek and allow sediments near the sides of the creek to dry.
- Grading of the site for the TSCA cell was completed, construction of the walls was completed, and riprap and gravel were placed in the bottom of the cell.
- Sediment from Site M was stockpiled in a containment area in Segment B.

Installation of the liner began and nonwoven geotextile, geosynthetic clay lining, and the secondary HDPE geomembrane cover the interior of the cell. On top of that, geonet and a second layer of nonwoven geotextile cover approximately 40% of the cell interior. Sediment from Segments E and F was stockpiled in a containment area in Segment B for drying. Site M was graded, topsoil was placed on the graded areas, and the site was seeded with grass.

B. Planned Removal Activities

An estimated 50,000 cubic yards of contaminated sediment will be removed from the creek and transferred to a TSCA cell that is being constructed just northwest of where Dead Creek passes underneath Judith Street.

C. Next Steps

- Continue installation of the liner.
- After the TSCA cell is completed, begin placing sediments from Site M and Segments B, E, and F into the cell.
- Continue dewatering the channel.

D. Key Issues

Wet weather has slowed work on the TSCA cell. The last full week of May and the second and fourth weeks of June were extremely rainy and have pushed the scheduled completion of the cell back until mid September. Occasional heavy rains in the month of July continue to impede efforts to complete the cell.

Crews are currently working 12-hour days Monday through Friday and 10-hour days on Saturdays in an attempt to bring the completion of the cell to early August.

V. COSTS

This removal action is being performed by a PRP under the direction of the U.S. EPA. At this time, the U.S. EPA is not knowledgeable of the costs associated with this removal action.